

# DENVER®

## Instruction Manual

**PORTABLE DVD PLAYER  
WITH 7" LCD MONITOR**

**MODEL NO.: MTW-727 TWIN**



**MPEG4**



BEFORE USING THIS PRODUCT, READ, UNDERSTAND,  
AND FOLLOW THESE INSTRUCTIONS.  
Save this booklet for future reference.

## Instructions on environment protection



[Www.denver-electronics.com](http://www.denver-electronics.com)



Do not dispose of this product in the usual household garbage at the end of its lifecycle; hand it over at a collection point for the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods for disposal. The materials are recyclable as mentioned in this marking. By recycling, material recycling or other forms of re-utilization of old appliances, you are making an important contribution to protect our environment. Please inquire at the community administration for the authorized disposal location.

## If the surface is soiled

Wipe gently with a soft, damp (water only) cloth.

When wiping discs, always move the cloth from the centre hole toward the outside, which will not cause distortion. (If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause distortion.)

## If the disc is brought from a cold to a warm environment moisture may form on the disc

Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

## Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

## Maintenance

- Be sure to press POWER to set the player to the standby mode and disconnect the AC adapter before maintaining the player.
- Wipe the player with a dry, soft cloth.
- If the surfaces are extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust

## Region code setting

Region coding: All DVD discs are coded by the sales territory. Please note the player is set to region 2 coding by the factory which cannot be changed. This is in compliance with the DVD patent requirements.

The Region number for this DVD player is



## Safety information

**CAUTION:**  
DVD/VIDEO CD/CD PLAYER IS A CLASS 1 LASER PRODUCT. HOWEVER THIS DVD/VIDEO CD/CD PLAYER USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE DVD/VIDEO CD/CD PLAYER CORRECTLY AS INSTRUCTED.

**WHEN THIS DVD/VIDEO CD/CD PLAYER IS PLUGGED TO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS PLAYER.**

**USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.**

**DO NOT OPEN COVERS AND REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.**



**THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION!**

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.**

**WARNING:**  
**-TO PREVENT FIRE OR SHOCK HAZARD. DO NOT USE THIS PLUG WITH AN EXTENSION CORD. RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.**  
**-TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**CAUTION - LASER RADIATION WHEN OPEN, DO NOT STARE INTO BEAM.**

**VENTILATION WARNING:**  
**THE NORMAL VENTILATION OF THE PRODUCT SHALL NOT BE IMPEDED FOR INTENDED USE.**

 <small>The lightning flash and arrow head within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.</small>	<b>CAUTION</b> <b>RISK OF ELECTRIC SHOCK</b> <b>DO NOT OPEN</b>  <b>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (ORBACK). NOUSER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</b>	 <small>The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.</small>
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**Always follow basic safety precautions when using electrical products, especially when children are present.**

**WARNING:** To avoid the risk of electrical shock, make sure the product is unplugged from the electrical outlet before relocating, servicing, or cleaning it.

### Read all instructions before using.

- Do not use this product near water.
- Do not ceiling- or wall-mount the product.
- Do not block any ventilation openings. Install the product in accordance with the operating instructions.
- Do not set the product near heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit the product.
- Do not use attachments not recommended or sold by the product manufacturer as a risk of fire, electrical shock, or serious personal injury may result.
- Unplug the product during lightning storms or when unused for long periods of time.
- Do not expose the product to dripping or splashing water. Do not place objects filled with liquid (e.g., vases) on the product.
- Do not place in or expose the product to direct sunlight, extreme heat, humid or dusty locations.
- Never operate this product if it has a damaged Power Cord or plug, is not working properly, has been dropped, damaged, or exposed to moisture, water, or other liquids. Do not attempt to examine or repair this product yourself; take the

product to a service center for inspection and repair.



#### **LASER SAFETY:**

This set employs an optical laser beam system in the CD mechanism designed with built-in safeguards. Do not attempt to disassemble. Exposure to this invisible laser light beam may be harmful to the human eye. This is a Class-1 laser product. Use of controls, adjustments or procedures other than those specified herein may result in hazardous laser light beam exposure. This compact disc player should not be adjusted or repaired by anyone except qualified service personnel. The laser mechanism in the set corresponds to the stylus (needle) of a record player. Although this product uses a laser pick-up lens, it is completely safe when operated according to directions.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications. Such modifications could void the user's authority to operate the equipment.

- 1) Operate turning controls and switches as instructed in the manual.
- 2) Before turning on the power for the first time, make sure that the power cord is properly installed.
- 3) Store your CDs in a cool area to avoid damage from heat.

## **Battery Handling and Usage**

- 1) Follow the battery manufacturer's safety and usage instructions.
- 2) Keep batteries away from children and pets.
- 3) Never throw batteries into a fire. Do not expose batteries to fire or other heat sources.
- 4) Battery Disposal: Spent or discharged batteries must be properly disposed of and recycled in compliance with all applicable laws.

For detailed information, contact your local solid waste authority.

## **Troubleshooting (Continued)**

Symptom(Common)	Remedy
No operations can be performed with the remote control unit.	<ul style="list-style-type: none"><li>● Check the batteries are installed with the correct polarities(+and -)</li><li>● The batteries are exhausted: replace them with new ones.</li><li>● Point remote control at the remote control sensor and operate.</li><li>● Operate the remote control unit at a distance of not more than 6 m from the remote control sensor.</li><li>● Remove the obstacles between the remote control and remote control sensor.</li></ul>
No key operation (by the main unit and/or the remote control unit) is effective.	Press STANDBY to set the player to the standby mode and then back to ON. Alternatively, press STANDBY to set the player to the standby mode, disconnect the power adaptor and then reconnect it. (The player may not be operating properly due to lightning, static electricity or some other external factor.)
Symptom [DVD]	Remedy
Play does not start even when title is selected.	Confirm the right region code setting.
Audio soundtrack and/or subtitle language is not the initial settings.	If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be seen/heard.
No subtitles.	<ul style="list-style-type: none"><li>● Subtitles appear only with discs which contain them.</li><li>● Subtitles are cleared from the TV monitor, Perform the steps display the subtitles.</li></ul>
Alternative audio soundtrack (or subtitle) languages fail to be selected.	<ul style="list-style-type: none"><li>● An alternative language is not selected with discs which do not contain more than one language.</li><li>● In the case of some discs, the alternative language cannot be selected by operating the AUDIO or SUBTITLE button. Try selecting it from the DVD menu if one is available.</li></ul>
Angle cannot be changed.	This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.
The password for rating level has been forgotten.	Please contact your local sales dealer.
Symptom [Video CD]	Remedy
No menu play.	This function works only for Video CDs with playback control.

## **DISC handling and maintenance**

### **Handling precautions**

- Hold the disc by the edges so the surface will not be soiled with fingerprints. Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc compartment.
- Do not try to close the disc cover when the disc is not installed properly.
- Be sure to store the disc in its exclusive case when not in use.

## Specifications

### Power requirements:

AC 100 -240V~ 50/60Hz

**power consumption:** 18W

**Signal system:** NTSC/PAL

**Resolution:**1440(H) X 234(V)

**Dots Distance:** 0.107(H) X 0.372(V)mm

**Visible Range:** 154.08(H)X 87.5(V)mm

### Discs played:

#### (1) DVD-VIDEO disc

- 12 cm single-sided, single-layer
- 12 cm single-sided, dual-layer
- 12 cm double-sided, single-layer
- 8 cm single-sided, single-layer
- 8 cm single-sided, dual-layer
- 8 cm double-sided, single-layer

#### (2) Compact disc (VIDEO CD)

- 12 cm disc
- 8 cm disc

**Video output level:** 1 V<sub>p-p</sub>

**Audio output level:** 1.2V

**Earphone output level:** 1KHz, 0dB,  
55mW

**Pickup:** Wave length: 655nm

Laser power: CLASS-1

**Measurement:** 270(L) X 167(W) X 36(D)mm

**Weight:** Approx. 921 g

**Measurement of MTF:** 270(L) X 167(W)  
X 36(D)mm

**Weight of MTF:** Approx. 506g

Specifications are subject to change without notice.

## Troubleshooting

Before requesting service for this player, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or an adjustment on your part may eliminate the problem and restore proper operation.

Symptom(Common)	Remedy
No power.	Insert the AC adaptor securely into the power outlet.
The player is automatically set to the standby mode.	The player is automatically set to the standby mode after approx. 30 minutes in the mode.stop mode (auto power-off function). Turn the power on again.
<ul style="list-style-type: none"> <li>Play fails to start even when PLAY is pressed.</li> <li>Play starts but then stops immediately.</li> </ul>	<ul style="list-style-type: none"> <li>Condensation has formed: wait about 1 to 2 hours to allow the player to dry out.</li> <li>This player cannot play a disc other than DVD, VCD and CD.</li> <li>The disc may be dirty and may require cleaning.</li> <li>Ensure that the disc is installed with the label side up.</li> </ul>
No picture.	Ensure that the equipment is connected properly.
<ul style="list-style-type: none"> <li>No sound.</li> <li>Distorted sound.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure that the equipment is connected properly.</li> <li>Ensure that the input setting for the TV and stereo system are correct.</li> <li>Adjust the master volume to a suitable volume by rotating the volume knob at the side of the player.</li> </ul>
Picture is distorted during rapid advance or rapid reverse.	The picture will be somewhat distorted at times: this is normal.
No rapid advance or rapid reverse play	Some discs may have sections which prohibit rapid advance (or rapid reverse.)

To be continued

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## Features

### 7" TFT DISPLAY

This player has a built in 7" TFT display window, to provide clear vision, and low radiation.

### MULTI TV SYSTEM SUPPORT

The player can play discs with signal system of PAL and NTSC.

### GRAPHICAL USER INTERFACE SCREEN

Simply by pressing the DISPLAY button on the remote control unit, information on the player and disc can be displayed on the TV screen for easy identification. The player's operations and settings can be performed by operating the remote control while monitoring screen.

### MULTI-AUDIO FUNCTION

The audio soundtrack can be heard in up to 8 languages. (The number of audio sound languages depends on the software.)

### MULTI-SUBTITLES FUNCTION

Subtitles may be displayed in one of a maximum of 32 languages depending on the software.

### MULTI-ANGLE FUNCTION

This function allows you to choose the viewing angle of scenes which were shot from a number of different angles. (Limited to DVD recorded with multiple camera angles.)

### PARENTAL LOCK FUNCTION

This prevents play unsuitable for children.

### DISC FORMATS SUPPORTED BY PLAYER

The player can play back discs bearing any of the following marks:



MPEG4

## Precautions

Please read the precautions before operating.

### Power Adaptor Protection

To avoid any malfunctions and to protect against electric shock, fire or personal injury, please observe the following:

- 1) **Hold the plug firmly when connecting or disconnecting the AC adaptor.**
- 2) **Do not connect or disconnect the AC adaptor when your hands are wet.**
- 3) **Keep the AC adaptor away from heating appliances.**
- 4) **Never put heavy object on the AC adaptor.**
- 5) **Do not attempt to repair or reconstruct the AC adaptor in any way.**
- 6) **Remove dust, dirt, etc. on the plug at regular intervals.**
- 7) **If the player has been dropped or otherwise damaged, set the player to the standby mode and disconnect the AC adaptor.**
- 8) **If the player has fumes, odours or noise, set the player to the standby mode and disconnect the AC power adaptor.**

### Placement

Avoid placing the player in areas of:

- 1) direct sunlight or heating radiators or closed automobiles
- 2) high temperature or high humidity
- 3) Excessive dust
- 4) vibration, impact or where the surface is tilted as the internal parts may be seriously damaged.

### Non-use periods

When the player is not used, set it in standby mode. When left unused for a long period of time, the player should be unplugged from the household AC outlet.

### No fingers or other objects inside

Touching internal parts of this player is dangerous, and may cause serious damage to the player.

Do not attempt to disassemble the player. Do not put any foreign object on the disc tray.

### Keep away from magnetic objects

Keep magnetic objects such as speakers, at a distance from the player.

### Stacking

Place the player in a horizontal position. Do not place the player on amplifiers or other equipment which may become hot.

### Condensation

If there is moisture inside the player, it may not operate properly. Please turn off the power and wait about one hour for the moisture to evaporate.

## Definition of terms

### DVD

This refers to a high-density optical disc on which high-quality pictures and sound have been obtained by means of digital signals. Incorporation of a new video compression technology (MPEG II) and high-density recording technology, DVD enables aesthetically pleasing full-motion video to be recorded over long periods of time (for instance, a whole movie can be recorded). DVD has a structure consisting of two 0.6 mm thin discs which are adhered to each other. Since the thinner the disc, the higher the density at which the information can be recorded, a DVD disc has a greater capacity than a single 1.2 mm thick disc. Since the two thin discs are adhered to each other, there is the potential to achieve double-sided play sometime in the future for even longer duration play.

### Video CD

This contains recordings of pictures and sound whose quality is on a par with that of video tape. This player also supports Video CDs with playback control (version 2.0).

### Angle

Recorded onto some DVD discs are scenes which have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left side, from the right side, etc.). With such discs, the ANGLE button can be used to view the scene from different angles.

### Subtitles

This is the appearance of the dialogue at the bottom of the screen which are prerecorded on some DVD discs.

### Title number

These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as title 1, title 2, etc.

### Chapter number

These numbers are recorded on DVD discs. A title is sub-divided into many sections, each of which is numbered, and specific parts of video presentations can be searched quickly using these numbers.

### Time number

This indicates the play time which has elapsed from the start of a disc or a title. It can be used to find a specific scene quickly. (It may not work with some discs.)

### Playback control (PBC)

This is recorded on a Video CD (version 2.0). The scenes or information to be viewed (or listened to) can be selected interactively with the TV monitor by looking at the menu shown on the TV monitor.

### Track number

These numbers are assigned to the tracks which are re-recorded on Video CDs and CDs. They enable specific tracks to be located quickly.

## Accessories

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Audio/Video cable .....	1
Cigarette lighter .....	1
Headrest carrying bag with two strips.....	1
Earphone.....	2

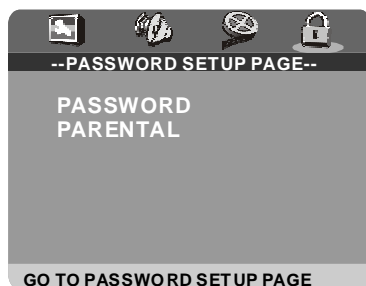
**3.2 BRIGHTNESS:** Press Right navigation button or Enter button to enter, then press Left or Right navigation button to adjust the level of Brightness from -20 to 20 unit as desire, press Enter button again to return to the Video Setup Page after finishing adjustment.

**3.3 CONTRAST:** Press Right navigation button or Enter button to enter, then press Left or Right navigation to adjust the level of Contrast from -20 to 20 unit as desire, press Enter button again to return to the Video Setup Page after finishing adjustment.

**3.4 HUE:** Press Right Navigation or Enter button to enter, then press Left or Right Navigation to adjust the level of Hue from -9 to +9 unit as desire, press Enter button again to return to the Video Setup Page after finishing adjustment.

**3.5 SATURATION:** Press Right Navigation or Enter button to enter, then press Left or Right Navigation to adjust the level of Saturation from -9 to +9 unit as desire, press Enter button again to return to the Video Setup Page after finishing adjustment.

#### 4.PASSWORD SET UP



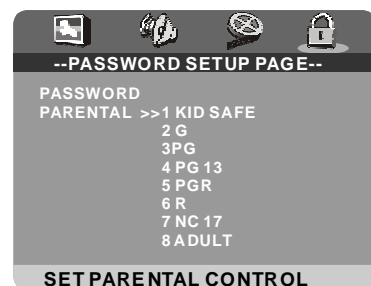
**4.1PASSWORD :** It is used to change the password, and the procedure of changing password is described as followings:

- 1).Enter old password in the Old Password row
- 2).Enter new password in the New Password row
- 3).Enter the new password again in the Confirm PWD row

The Password Setup Page, then the Password has been changed.

**NOTE:** The original password is 136900, you can change it, but you should write it down and keep it safe. If you forget the password, old password 136900 there can be used.

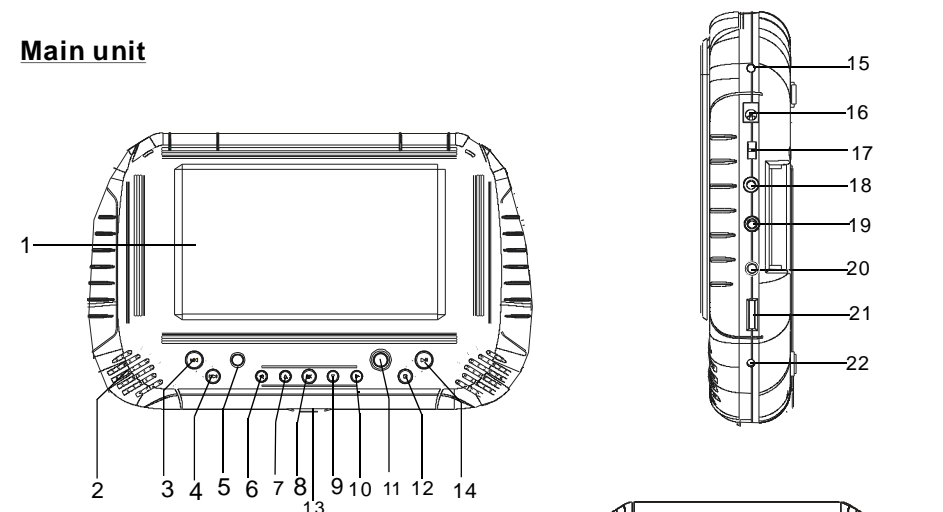
**4.2.PARENTAL:** This setting allows certain people to view certain discs, which may be Especially useful to forbid children from viewing some unbecoming discs. When you have entered the Parental Control, the screen will display:



Then scroll down the alternatives and press ENTER button to confirm, after doing that, enter the password and press OK button on the screen, then you can set Parental Control across eight different settings from Kid Safe to Adult .

## Control reference guide

### Main unit



**1 TFT Display window**- Displays all information about DVD work scene.

**2 Built-in Speaker.**

**3 PREV button**- Press this button to move left or to skip to the previous chapter or title (for DVD) or track (for VCD/ CD).

**4 NEXT button** -Press this button to move right or to skip to the next chapter or title (for DVD) or track (for VCD/ CD).

**5 Remote control sensor**

**6 LEFT navigation button**-press this button to move left.

**7 UP navigation button** -Press this button to move up.

**8 ENTER button** - Press this button to confirm a selection.

**9 DOWN button**- Press this button to move down.

**10 RIGHT button** - Press this button to move right

**11 MENU button** - Press this button to return to the root menu(for DVD)or to turn on/off the PBC(for VCD)

**12 STOP button**- Press this button to halt playing.

**13 JAG**-Push it up to open the cover.

**14 PLAY/PAUSE button** - Press this button to start or pause playing the disc.

**15 Battery Indicator**-When the battery is being charged ,it is red, and it gets green when charging completed.

**16 DC In Jack** - Power input jack.

**17 POWER Switch** - Switch this knob to turn on/off the player.

**18 AV In/Out Jack** -Connect to TV or other external AV equipment to use the player as a monitor.

**19 PHONE 2** - Connect headphone to this jack for private listening.

**20 PHONE 1** - Connect headphone to this jack or private listening.

**21 Volume** - Rotate this knob to adjust the volume to a suitable level.

**22 STANDBY Indicator**-When the unit is in standby Mode, it is red. And when the unit is in work mode, it is green.

**23 Back Bracket**-Push the back bracket out, you can support and place the player levelly on the stage.



## Remote control

**1 MUTE button**- Press this button to mute the sound.

**2 NUMERIC buttons**- Press these buttons to input numeric information, such as track number, chapter number and so on.

**3 FR button**- Press this button to play the disc backward at speeds: x2, x4, x8, x16, x32.

**4 FF button**- Press this button to play the disc forward at speeds: x2, x4, x8, x16, x32.

**5 ZOOM button** -Press this button to enlarge picture size, max. to X 4 or to shrink picture size, min. to X1/4.

**6 SLOW button** -Press this button to play the disc at speeds: 1/2, 1/4, 1/8, 1/16.

**7 PROGRAM button** -Press this button to setup the memory order of chapter or title (for DVD) or tracks (for VCD/CD).

**8 ANGLE button** -Press this button to display the angle number and change to different angles.

**9 TFT MODE button**- Press this button to enter the TFT MODE menu, move UP or DOWN navigation button to select Contrast, Brightness, Hue, Saturation, Sharpness or Scaling, then move LEFT or RIGHT navigation to set the selected item as you want to.

**10 LEFT navigation button**- Press this button to move left.

**11 SUBTITLE button**-Press this button to display and change subtitle language(For DVD only).

**12 TITLE button** -Press this button to return to title menu (for DVD).

**13 AV IN/OUT button**- Press this button to switch the player between AV and DVD mode.

**14 AUDIO button**- Press this button to select the sound track.

**15 STANDBY button**- Press this button to turn on the unit or set it in standby mode.

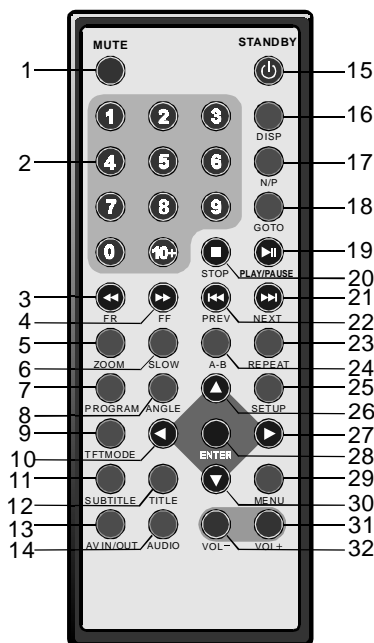
**16 DISP button** -Press DISP button continuously during playback, the screen will display the playing information, such as elapsed time, remaining time and so on.

**17 N/P button** - Press this button to select NTSC, PAL or MULTI system (For DVD only).

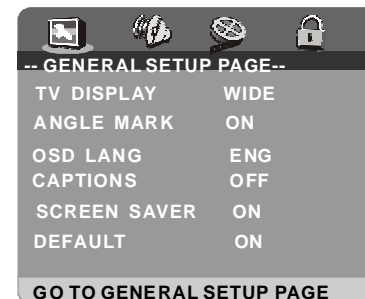
**18 GO TO button**- Press this button to set the player to play disc starting at a certain point.

**19 PLAY/PAUSE button** - Press this button to start or pause playing the disc.

**20 STOP button** -Press this button to halt playing.



## 1. GENERAL SET UP



**1.1 TV DISPLAY** - it is for selecting the ratio of the screen display.

Options: Normal/PS: Pan&scan mode  
Normal/LB: Letter box mode  
Wide: 16:9 wide screen mode

**NOTE:** The function may not work for some discs.

**1.2 ANGLE MARK** - it is used to select whether or not the multi-angle icon is display on screen when a Multi-angle DVD disc is playing.

Options: On: Icon will be displayed  
Off: Icon will be turned off

**1.3 OSD LANG** - It is used to choose the desired OSD language for different user. In this player, you can choose English or your nation language.

**1.4 CAPTIONS** - It is used to switch the caption ON/OFF when playing DVD disc.

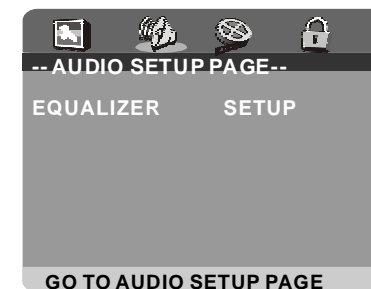
**1.5 SCREEN SAVER** - when the player is not in use for 2 minutes, a running DVD logo will move across the screen to protect the screen.

Options: On: Screen saver is enabled  
Off: Screen saver is disabled

**1.6 DEFAULT** - It is used to confirm the setting being.

Reset: It is used to reset the setting.

## 2. AUDIO SET UP



**EQUALIZER SETUP**- It is used to compensate for frequency distortion to improve its frequency response in audio systems(not applicable).

Options: EQ TYPE- It is for selecting the Equalizer Type, in this unit, you can choose Mono, Rock, Pop, Live, Dance, Techno, Classic or Soft.  
BASS BOOST- It is used to turn the Bass Boost ON or OFF.  
SUPER BASS- It is used to turn the Super Bass ON or OFF.  
TREBLE BOOST- It is used to turn the Treble Boost ON or OFF.

## 3 VIDEO SETUP PAGE



**Quality**- To adjust the quality of the picture.

**3.1 SHARPNESS:** You can set the sharpness level by choose HIGH MEDIUM or LOW herein.



## Viewing from different angle (DVD only)

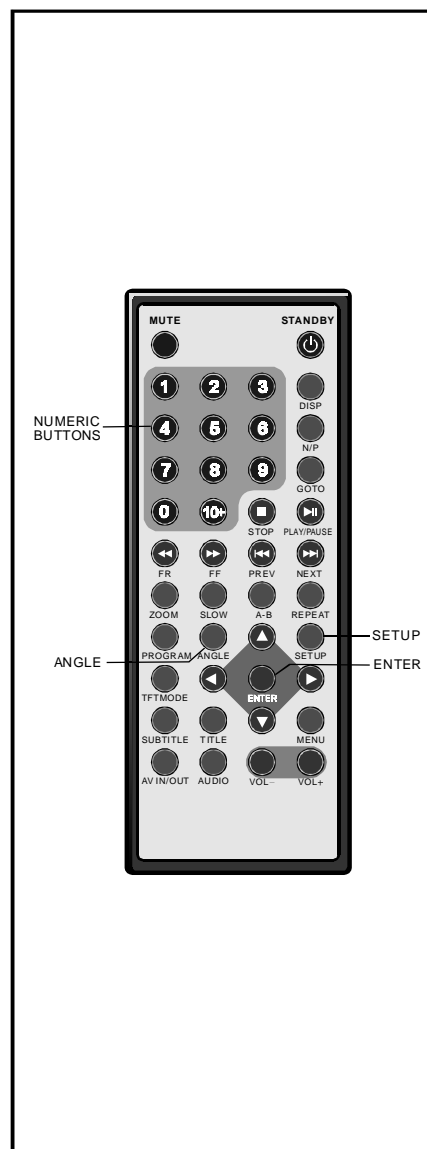
Some DVDs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scene can be viewed from each of these different angles using the ANGLE button. Press ANGLE during playing, number of angle being played will be displayed on the screen, press the ANGLE button to change to different angles.

## Initial settings

- Once the initial programming is entered it is retained in memory until changed, the player can always be operated under the same conditions.
- The settings will be retained in the memory until the settings are changed even after setting the player to the standby mode.

### Common procedure for initial settings

1. Press SETUP button.
2. Use the navigation buttons to select preferred item, and press ENTER button, each screen for setting the value is displayed. Then move the navigation button to set the item and press ENTER button to confirm the settings.
3. Press SETUP button to close setup menu in any mode.
4. Use left navigation button to switch to another main setup items

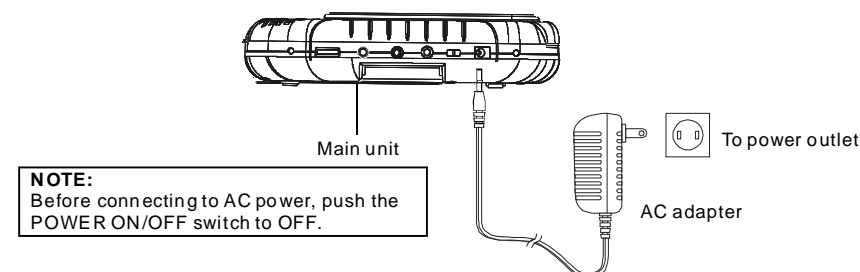


- 21 **NEXT button** -Press this button to play the next chapter(for DVD) or track(for VCD/CD).
- 22 **PREV button** -Press this button to play the previous chapter(for DVD) or track(for VCD/CD).
- 23 **REPEAT button** -Press this button to repeat playing one chapter or one title (forDVD) or repeat playing the current track or the whole tracks (for VCD/CD).
- 24 **A-B button** -Press this button to repeat playing sections between two specific points (A-B).
- 25 **SETUP button** -Press this button to enter initial settings menu.
- 26 **UP navigation button** -Press this button to move up.
- 27 **RIGHT navigation button** -Press this button to move right.
- 28 **ENTER button** -Press this button to confirm what you have selected.
- 29 **MENU button** -Press this button to return to the root menu(for DVD) or to turn on/off the PBC (for VCD).
- 30 **DOWN navigation button** -Press this button to move down.
- 31 **VOLUME + button** - Press this button to turn up the volume.
- 32 **VOLUME - button** - Press this button to turn down the volume.

## Basic connection

- Ensure all the cables are disconnected from the main unit before connecting to AC power source by AC power adaptor.
- Read through the instructions before connecting other equipment.

### Connecting to AC power source



## Connecting to monitor

### 1. Monitor Unit

#### FRONT VIEW

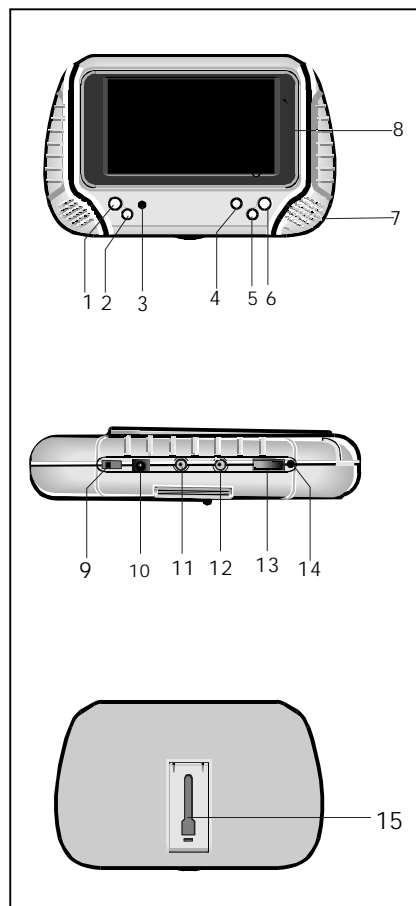
1. **STANDBY button**-Press it to set the unit in standby mode, press it again to enter work mode.
2. **MENU button**- Press it to enter initial settings menu. Press it again to move up or down to select different OSD item.
3. **REMOTE CONTROL SENSOR**
4. **LEFT button**-Press it to move left to reduce the level of different OSD item in OSD menu mode.
5. **RIGHT button**-Press it to move right to adjust the level of different OSD item higher in OSD menu mode..
6. **EXIT button**-Press it to exit the menu.
7. **BUILT-IN SPEAKER**
8. **TFT Display**

#### SIDE VIEW

9. **POWER SWITCH**
10. **12V DC IN JACK**
11. **AV IN JACK**-Connect DVD or other external AV equipment to this jack to use the monitor.
12. **PHONE JACK**-Connect headphone to this jack for private listening.
13. **VOLUME**-Rotate this knob to adjust the volume lower or louder.
14. **POWER INDICATOR**-it is green in working mode; it is red in standby mode.

#### BACK VIEW

15. **Stand Holder**-Push it out, you can support and place the unit levelly on the stage..



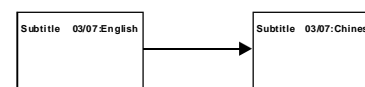
## Changing subtitle language (DVD only)

It is possible to change the subtitle language to a different language from the one selected at the initial settings. (This operation works only with discs on which multiple subtitle languages are recorded)

1. Press SUBTITLE button during play, the screen will display the current language.
2. Press SUBTITLE button again to change language or turn off.

**NOTE: When no subtitles are recorded, press this button will not work.**

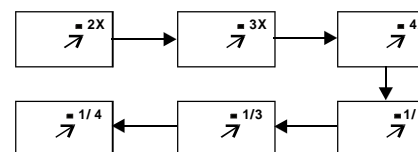
#### CHANGING SUBTITLE LANGUAGE



## ZOOM PLAY

This function allows you to enjoy a motion or motionless picture.

- Press ZOOM button when playing, the screen shows:



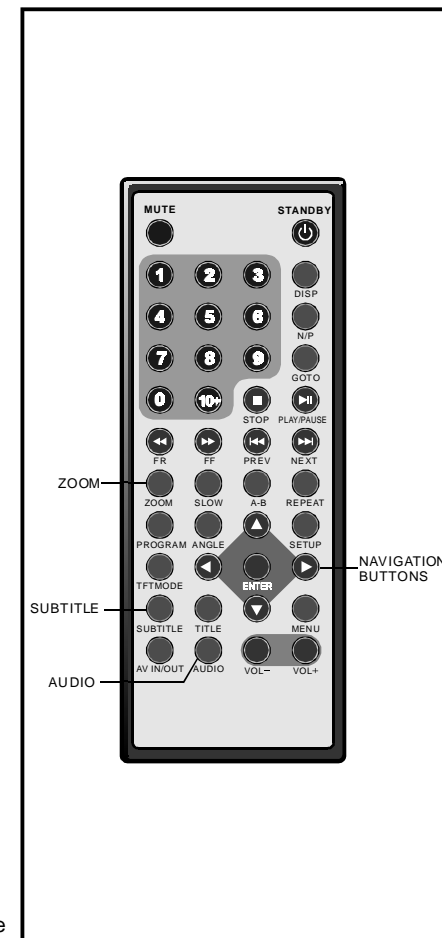
- Press NAVIGATION button to scroll across the enlarged picture.

## Changing audio soundtrack language(DVD/VCD disc)

It is possible to change the audio soundtrack language to a different language from the one selected at the initial settings (This operation works only with discs on which multiple audio soundtrack languages are recorded).

- Press AUDIO button while playing DVD disc the screen will display the number of current soundtrack languages, pressing the button again will change the language.
- Pressing AUDIO button while playing VCD disc will change audio output mode: Mono Left, Mono Right, Mix-mono and Stereo soundtrack.

**NOTE: When no soundtrack languages are recorded, pressing this button will not work. When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings.**



## Repeat play

Press REPEAT button during play, the player will repeat playing one chapter, one title or the whole disc (for DVD) or one track or the whole disc (for VCD/CD).

**NOTE:** For VCD and CD disc, you should turn the PBC off before repeat playing.

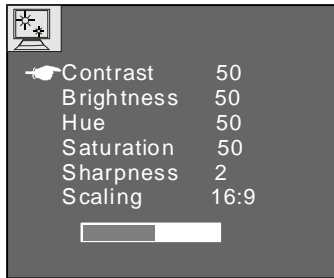
### A-B repeat playing

#### Repeating sections between two specific points(A-B repeat)

1. Press A-B button during play at the point where repeat playing is to be started (A).
2. Press A-B button at the point where repeat playing is to be ended (B). Repeat play of the selection between points A and B starts.
3. Press A-B button to return to normal play.

## TFT MODE

Press TFT MODE button, the screen will display:

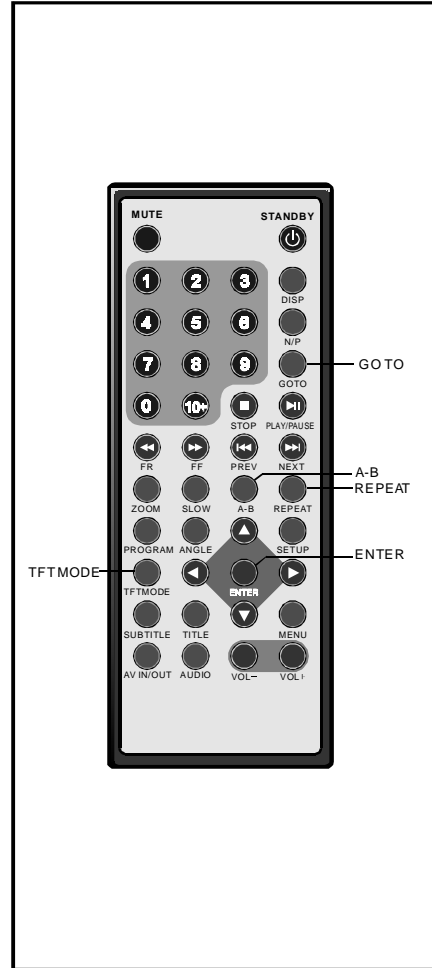


Move the UP or DOWN navigation button to select Contrast, Brightness, Hue, Saturation, Sharpness or Scaling, then press the LEFT or RIGHT navigation button to adjust the level of the selected item.

**NOTE:** The level of Contrast, Brightness, Hue and Saturation can be adjusted 0-100, and the level of Sharpness can be adjusted 0 - 3. The Scaling can be adjusted between 16:9 and 4:3 two modes. Press TFT MODE button again to exit the TFT MODE Menu Page.

## GO TO

Press GO TO button, then you can enter GOTO Menu page, move UP or DOWN navigation button to select the item you want to set and enter a time number, chapter number, track number etc. Accordingly, the disc will be played from the selected point.



### REMOTE CONTROL FOR MONITOR UNIT

**1. STANDBY button**- press it to set the monitor in standby mode; press it again to set the unit in working mode.

**2. MENU button**- Press it to enter OSD menu control page.

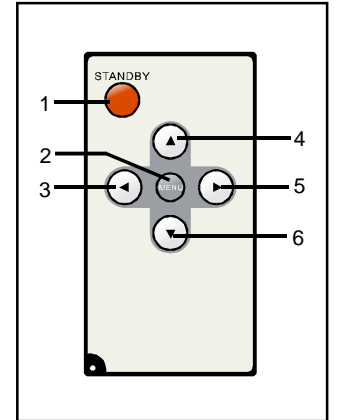
**3. LEFT button**- Press it to move left to reduce the level of different OSD item in OSD menu mode.

**4. UP button**- press it to select up item in OSD menu page.

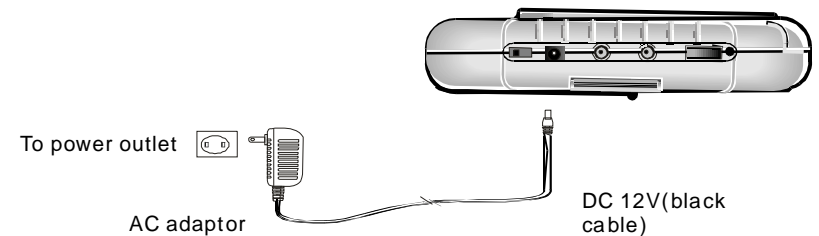
**5. RIGHT button**- Press it to move right to adjust the level of different OSD item higher in OSD menu mode.

**6. DOWN button**- press it to select down item in OSD menu page.

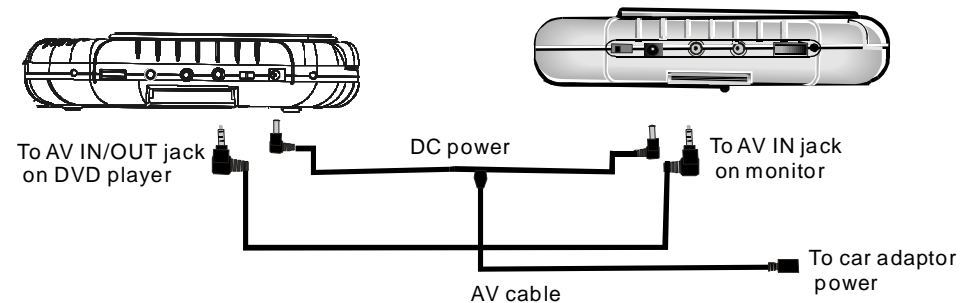
**NOTE:** Point the remote control from no more than 6 m from the monitor and within about 60° of monitor.



### 2.Connecting to AC power source



### 3.Connecting to DVD player



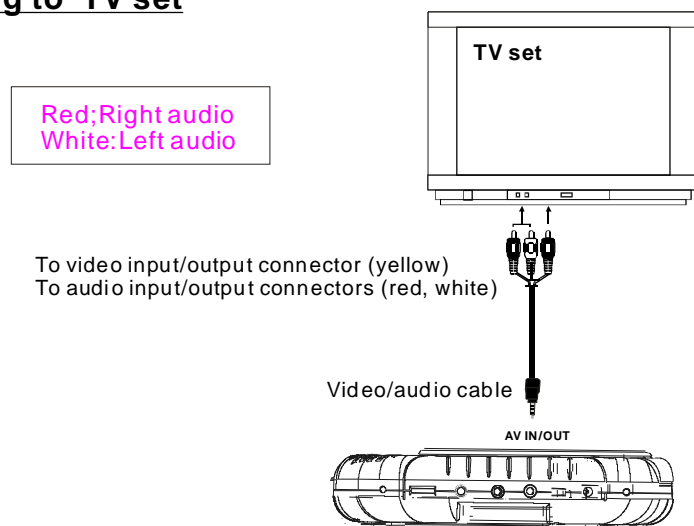
**NOTE:** Set the DVD player in AV mode before the operation, or it will be useless. The remote control is also effective to the monitor during playing.

- It is recommended to connect a multi-system TV.
- Ensure that this player and other equipment to be connected are set to the standby mode or off and disconnect the AC adaptor before commencing connection.
- Do not block ventilation holes of equipment and arrange them so that air can circulate freely.
- Read through the instructions before connecting other equipment.
- Ensure that you observe the color coding when connecting audio and video cables.

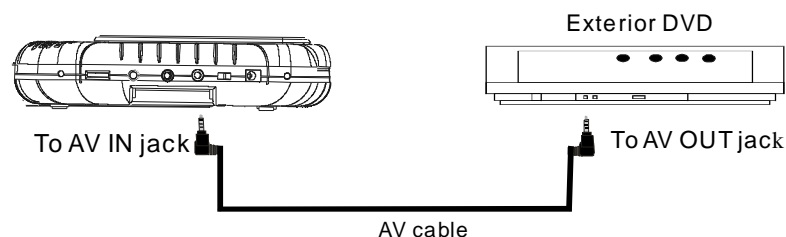
#### Note:

During DVD play, the TV volume may be at a lower level than during TV broadcasts, etc. If this is the case, adjust the volume to the desired level.  
If the DVD/VCD/CD player is connected to the TV through a video cassette recorder, the picture may not be played back normally with some DVDs. If this is the case, do not connect the player via the VCR.

## Connecting to TV set

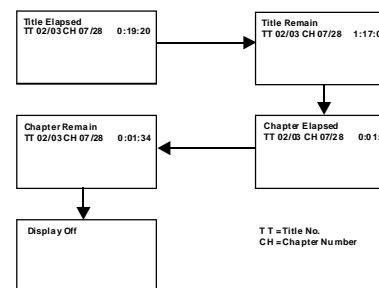


## Connecting to exterior signal sources



## On screen display information

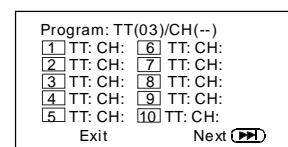
When the player is under operation, press DISP button continuously on the remote control, the screen will display sequentially parts of information, all information and clear information.



## Program play

The player plays the tracks in the disc in an order you desired.

1. Press PROGRAM button and the screen will display the program menu.



2. Press navigation buttons to choose memory index, then enter desired Titles/Chapters numbers by using the numeric buttons. The selected Titles/Chapters will be stored into the memory. Move navigation buttons to select NEXT on the menu and press ENTER button, then you can enter the next page, up to 20 tracks can be stored.

**NOTE:** Leading zero is not necessary. If the track number is more than 10, press the 10 button first and then the unit digit.

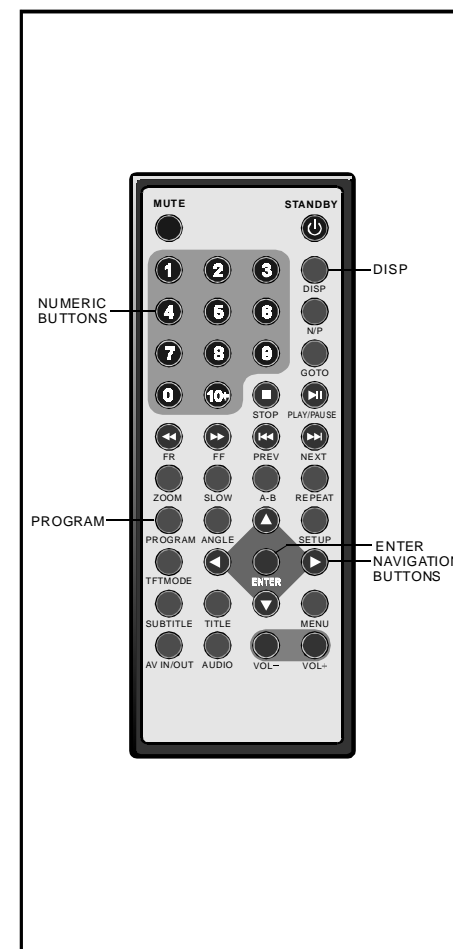
Example: Track 3, press "3"

Track 12, press "10+" and then "2"

Track 21, press "10+" twice and then "1"

3. To start program play, move navigation buttons to select START on the menu, then press ENTER button.

4. To stop the program, press PROGRAM button and move navigation buttons to select STOP on the menu, then press ENTER button to confirm. After that, move navigation buttons to select EXIT on the menu and press ENTER button to exit the program menu.



## JPEG CD

### 10. Slide show effects

Press PROGRAM button to select one of the effects when changing from one picture to another:

- 1 Wipe Top
- 2 Wipe Bottom
- 3 Wipe Left
- 4 Wipe Right
- 5 Diagonal Wipe Left Top
- 6 Diagonal Wipe Right Top
- 7 Diagonal Wipe Left Bottom
- 8 Diagonal Wipe Right Bottom
- 9 Extend From Centre H
- 10 Extend From Centre V
- 11 Compress To Center H
- 12 Compress To Center V
- 13 Window H
- 14 Window V
- 15 Wipe From Edge To Centre
- 16 Move In Form Top
- 17 None

## Enjoying Video CD with playback control

1. When playing VCD 2.0 with PBC, the player will show the VCD version and PBC status on the screen.

VCD 2.0  
PBC ON

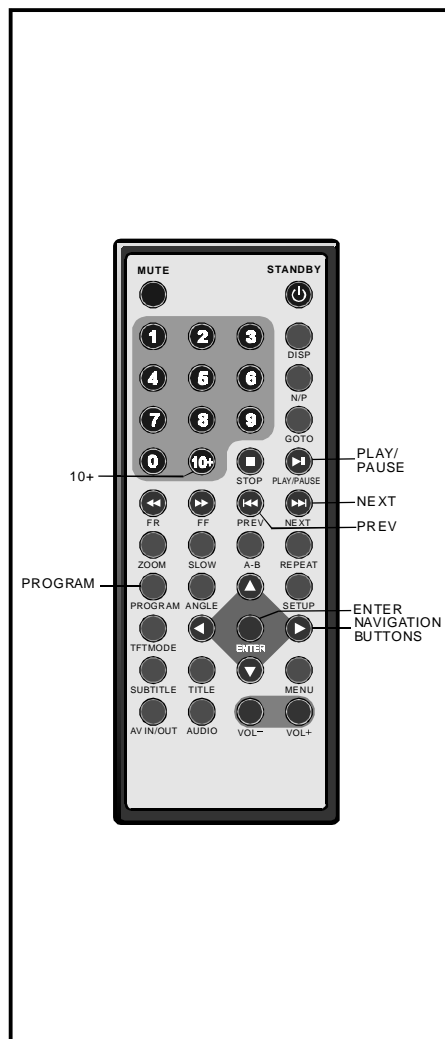
2. After a few seconds, a menu will appear on the screen.

1 WHAT WILL I DO  
2 HEAR ME CRY  
3 WITHOUT YOU

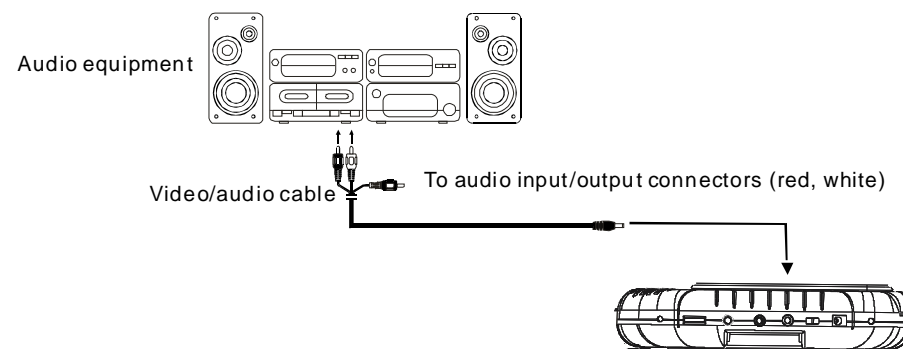
3. Press numeric buttons to select corresponding track, if the track number is under 10, choose one of the numeric buttons 0 ~ 9. If the track number is exceed 10, press 10+ button firstly, then press numeric buttons 0 ~ 9.

4. Press NEXT or PREV button to play the next or previous track.

**NOTE:** When PBC is OFF, there will be no menu page on the screen, you can select any track to play by using numeric buttons. When PBC is ON, there will be a menu page on the screen, and you can select any track on the menu to play, however, when the selected track is being played, you can not change the play order any more except pressing the MENU button to return to the menu page again and select another track to play.



## Connecting to audio equipment



## Connect Headphones

### 1. Connect the Headphones.

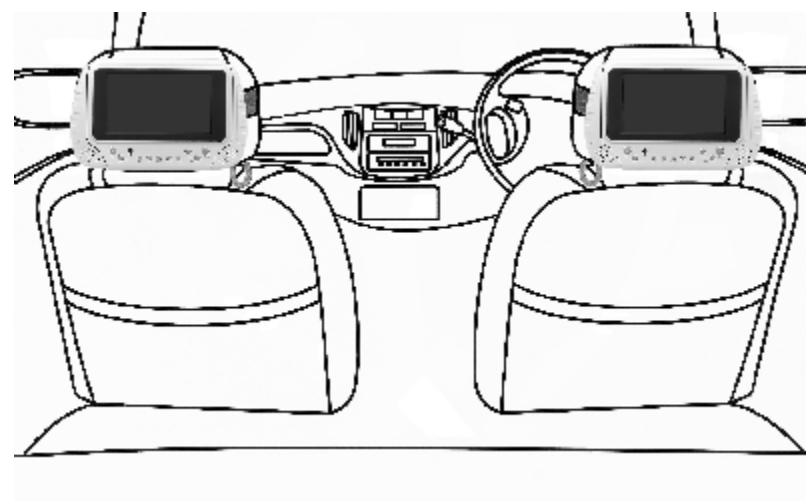
Adjust the volume to minimize the volume.

Connect the headphones to phone jacks.

### 2. Adjust the Volume to the level that you want.

## Installation of Monitors

Use supplied mounting straps installing the monitors onto the seat back in a car. Tightly wrap the mounting strap around the headrest.



## Remote control preparation

### Battery installation **A**

Insert the batteries while observing the correct (+) and (-) polarities as illustrated at right.

#### Service life of batteries

- The batteries normally last for about one year although this depends on how often, and for what operations, the remote control is used.
- If the remote control fails to work even when it is operated near the player, replace the batteries.
- Use one type CR2025 battery.

#### NOTE:

- Do not use rechargeable (Ni-Cd) battery.
- Do not attempt to recharge, short-circuit, disassemble, heat or throw the batteries into the fire.
- Do not drop, step on or otherwise impact the remote control. This may damage the parts or lead to malfunction.
- If the remote control is not going to be used for a long time, remove the battery

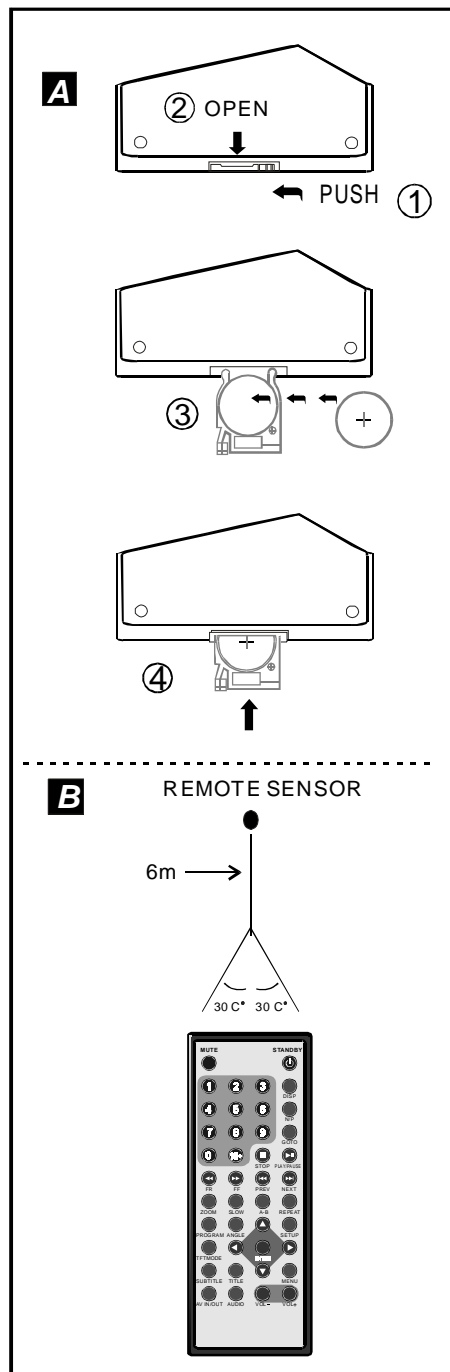
### Remote control operation range **B**

Point the remote control from no more than about 6 m from the remote control sensor and within about 60° of the front of the player.

- The operating distance may vary according to the brightness of the room.

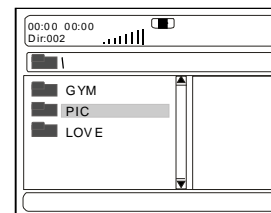
#### NOTE:

- Do not point bright lights at remote control sensor.
- Do not place objects between the remote control and the remote control sensor.
- Do not use this remote control unit while simultaneously operating the remote control of any other equipment.



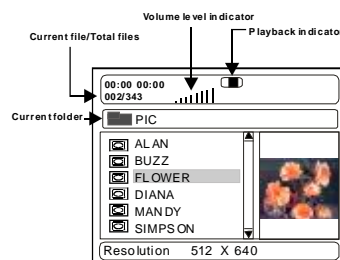
## JPEG CD

1. Insert the disc containing the files in JPEG format to be played and after a few seconds, the screen will display:



2. Select the folder you want to play by the navigation buttons and press the ENTER button to confirm.

3. The files in this folder are displayed and select the desired file by navigation buttons, the screen will display:



then press the PLAY/PAUSE or ENTER button to start playback, One picture will skip to the next picture automatically for every 5 seconds.

4. Press REPEAT button to change repeat mode:

- SHUFFLE: All the files will be randomly sorted and played by the order.
- RANDOM: randomly select any file to play.
- SINGLE: play one file only.
- REPEAT ONE: repeat one file.
- REPEAT FOLDER: all the files in the folder will be played repeatedly.
- FOLDER: all the files in the folder will be played

5. Press the STOP button when playing, then you will enter preview mode.

6. Press the MENU button when playing, then you will return to the MENU.

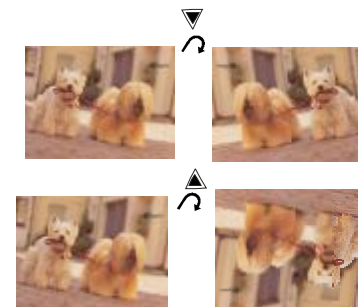
#### 7. Rotating pictures

Press RIGHT or LEFT navigation button to rotate the picture clockwise or counter-clockwise.



#### 8. Flipping pictures

- Press UP navigation button to flip the picture vertically.
- Press DOWN navigation button to flip the picture horizontally.

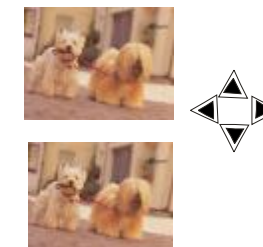


#### 9. Zoom/Shrink pictures

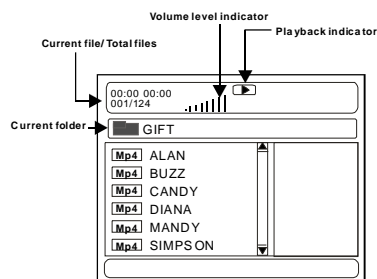
- Press ZOOM button to enter the zoom mode
- Press FF button to enlarge picture to 100%, 125%, 150% and 200%
- Press FR button to shrink pictures to 50%, 75%, and 100%



If the picture is enlarged, you may press navigation buttons to see other portions of the picture.







4. Press the NEXT or PREV button play the next or previous file.

5. Press the GO TO button to play the disc from the certain point as you want to.

6. Press the DISP button to display the playing information, the time remain, the time elapsed and so on.

7. Press REPEAT button to change play mode.

-SHUFFLE: All the files will be randomly sorted and played by the order.

-RANDOM : randomly select any file to play.

-SINGLE: play one file only.

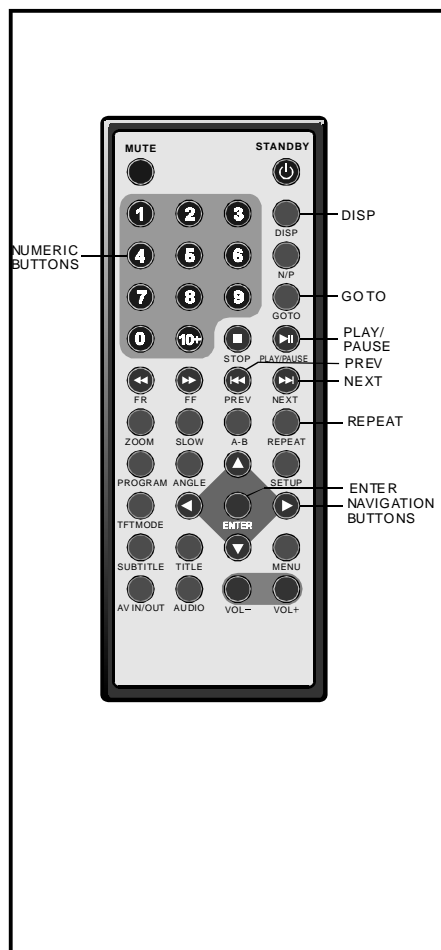
-REPEAT ONE: repeat one file.

-REPEAT FOLDER: all the files in the folder will be played repeatedly.

-FOLDER: all the files in the folder will be played

**NOTE:** The player can only play the disc with MPEG-4 format.

The disc with other formats may not be played on this unit.



## Before enjoying DVD/Video CD/CD

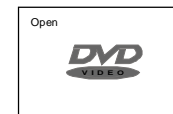
The on-screen menu language of your player has been factory pre-set to English. If you want to change the menu language to other language, please refer to "Initial settings / General setup / OSD lang". In the explanation below it is assumed that English has been selected as menu language.

## Basic play

1. Switch on the POWER to the ON position at the right side of the player to turn on the player.

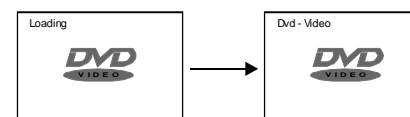
**NOTE:** 1). Make sure that all the connections including connections to AC adapter, other AV equipment etc. have been done before switch the POWER switch to the "ON" position. 2). After switch the POWER switch to the "OFF" position, if you want to switch it to the "ON" position again, you should wait at least 2 seconds, otherwise some unnormal phenomenons may appear, in this case, please turn the unit off then turn it on, it will work normally again.

2. Push the disc cover up to open it.

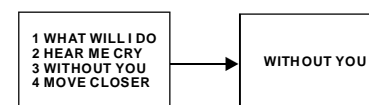


3. Place a disc onto the disc compartment. Hold the disc without touching either of its surfaces, position it with the printed title side facing up, align it with the guides, and place it in its proper position.

4. After closing the disc cover, play begins. The player starts to read the disc immediately.

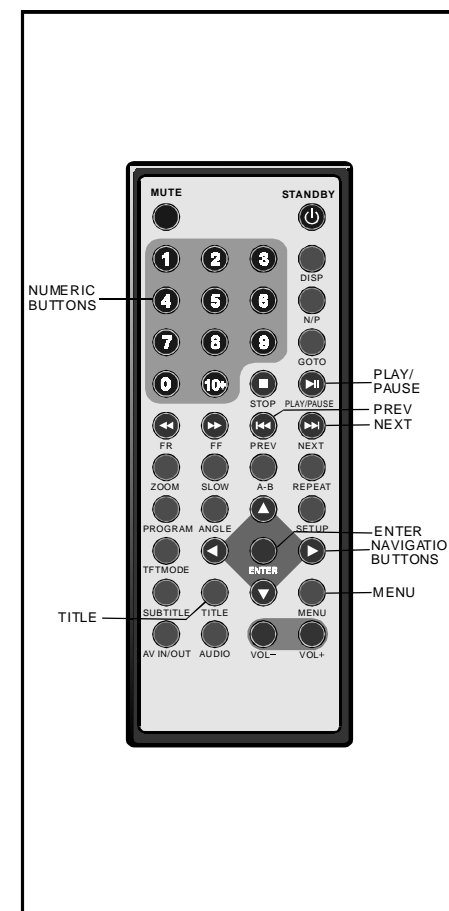


5. When a menu screen appears on the screen, move navigation buttons or press the numeric buttons to select preferred chapter number, then press ENTER button to play the chapter.



6. Press PREV or NEXT button to play the previous or next chapter.

7. To stop play and return to the menu screen, press TITLE button or MENU button.





## Stopping play

Press the STOP button to stop playing a disc.

**NOTE:** When player is stopped, the player records the point where STOP was pressed (RESUME function). Press the PLAY/PAUSE button again, playback will resume from this point. When the disc door is opened or the STOP button is pressed again, the RESUME function will be cleared.

## Skipping ahead or back

### Skipping ahead

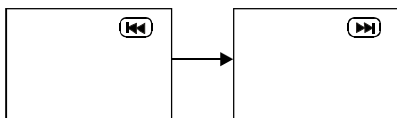
Press NEXT ►► button during play

A chapter (DVD) or a track (Video CD/CD) is skipped each time the button is pressed.

### Skipping back

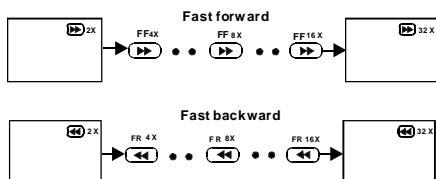
Press PREV ◄◄ button during play

A chapter (DVD) or a track (Video CD/CD) is skipped each time the button is pressed.



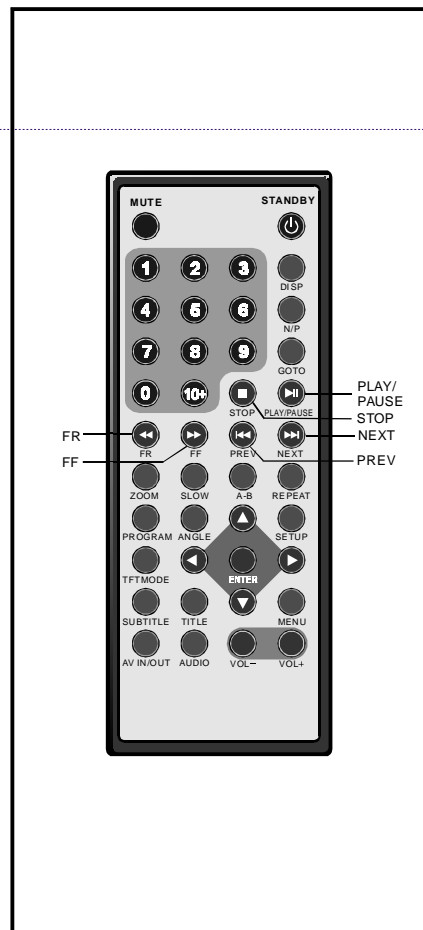
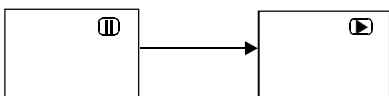
## Fast forward or backward

During playback, press FF ►► button or FR ◄◄ button to fast forward/rewind. Press PLAY/PAUSE button to resume normal play.



## Pause or play

During playback, press PLAY/PAUSE button, the play will be paused, To resume normal play, press the PLAY/PAUSE button again.



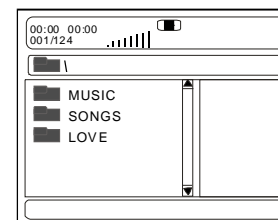
## Slow-motion play (DVD/VCD)

Press the SLOW button on the remote control during playback.

- 1) Plays the disc at a 1/2 of normal speed at first. Each time the button is pressed, the play Speed becomes 1/2, 1/4, 1/8, 1/16.
- 2) Press the PLAY/PAUSE button to resume to normal play.

## Mp4 playback

1. Insert the disc containing the files in Mp4 format to be played and after a few seconds, the screen of the monitor will show all the folders on the disc:



2. Select the folder you want to play by the navigation buttons and press the ENTER button to confirm.
3. The files in this folder are displayed and select the desired file by navigation buttons, then press the PLAY/PAUSE button to start playback.

